



Honolulu Rail Transit Project Update

OahuMPO Citizen Advisory Committee

March 16, 2016

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www.HONOLULUTRANSIT.ORG

HART

HONOLULU AUTHORITY FOR RAPID TRANSPORTATION

20 Miles – 21 Stations



Operating Details

When will trains run?

- 4 a.m. to midnight
- Every 5 minutes during peak travel times
- Every 11 minutes during non-peak travel times
- Single systemwide fare system for rail and TheBus
- ADA compliant
- Bicycles, surfboards, wheelchairs, strollers, and luggage allowed
- Free Wi-Fi

How fast will trains travel?

- 55 mph top speed & 30 mph average speed, including station stops

Transportation Benefits



- Integrated multimodal system
- Average weekday ridership of more than 119,000 trips
- 40,000 fewer vehicle trips on the road each weekday
- Connects several college campuses, retail centers (Pearl Ridge, Ward Villages and Ala Moana Center), job centers at Pearl Harbor and the downtown financial district, and the Honolulu International Airport

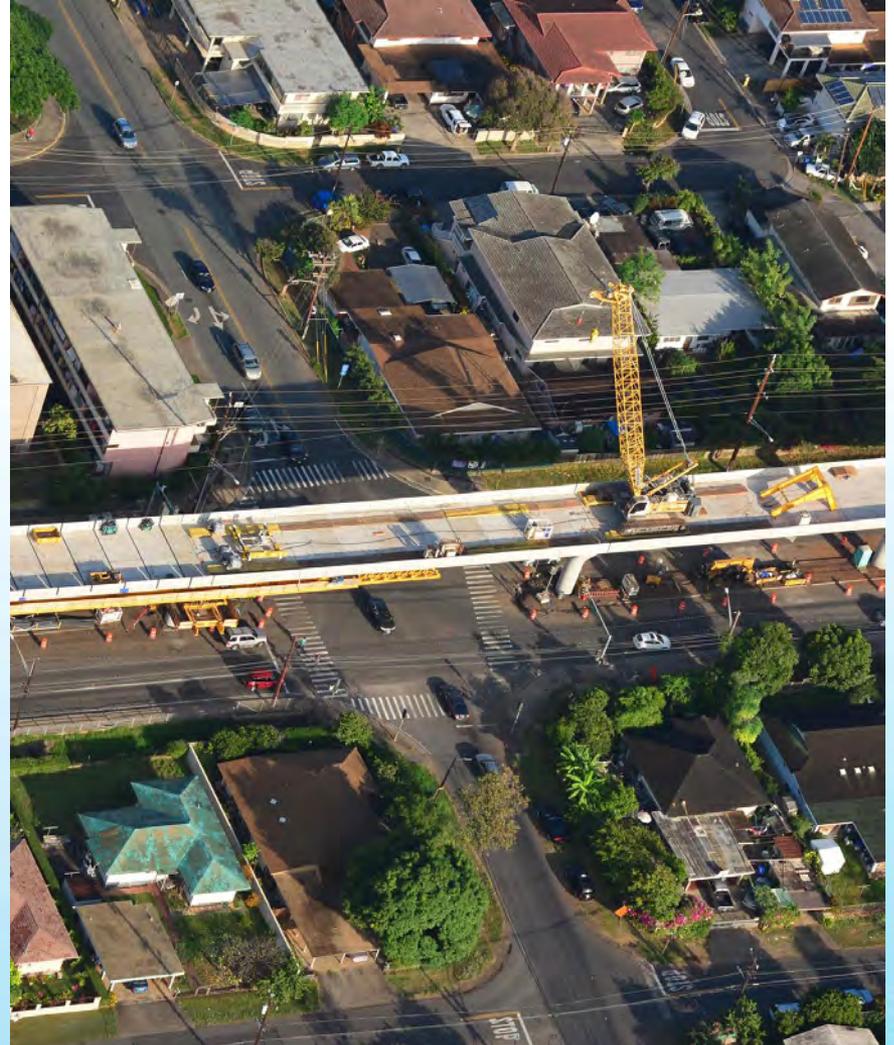
Rail is the Catalyst for Smart Growth

- Inspires livable, walkable and healthier communities
- Creates a “greener,” more sustainable environment
- Preserves rural parts of Oahu for future generations
- Creates affordable housing opportunities
- Improves the quality of life for island residents



West Construction Snapshot

- 6.7 miles of guideway completed
 - 439 of 495 foundations
 - 337 of 452 columns
 - 4,430 of 5,284 segments cast
 - 3,365 segments erected
 - 283 of 440 spans
- Track work underway
- First train to be delivered this month



West Oahu Farrington Highway



Rail Operations Center



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Rail Operations Center



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Balanced Cantilever Work



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Balanced Cantilever Work



Kamehameha Highway Guideway



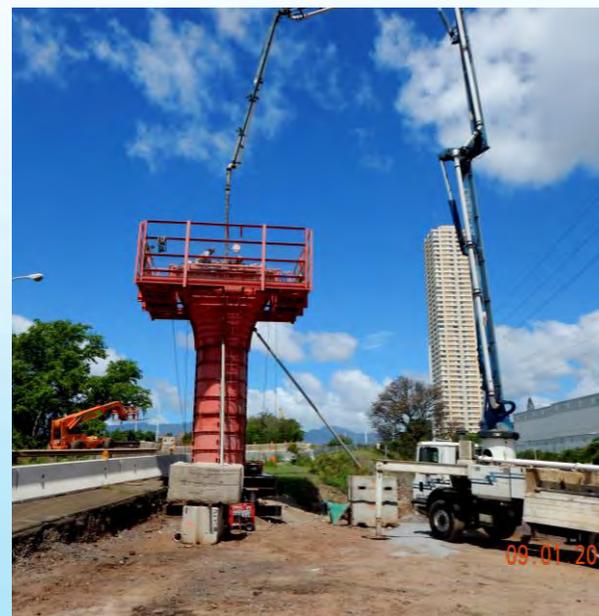
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Kamehameha Highway Guideway



Rail Car Vehicle Update



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Rail Car Vehicle Interior



Rail Car Vehicle Interior



Rail Car Vehicle Interior



Rail Car in Transit to Port for Shipping



Station Renderings

Pearlridge Station



- Typically, about 60% will arrive by bus or auto
- 5,000 to 7,000 passengers per day

Aloha Stadium Station



- Key hubs with park-and-ride lots, bus transit centers
- About 7,000 to 10,000 boardings per day

Pearl Highlands



- Major bus transfer facility
- 1,600-stall park-and-ride

Downtown Station



Civic Center Station



Civic Center Station, Kaka'ako

- 60 to 80 percent of riders will walk to the stations
- 2,000 to 4,000 daily boardings (2030)

Kaka'ako Station Entrance



Ala Moana Station – Aerial View



Upcoming Construction

- West Stations (9):
 - 3 contracts awarded (3 stations each)
 - Groundbreaking held for 2 stations
- Airport Guideway/Stations
 - Proposals due March 22; Award estimated in May
 - Notice to Proceed estimated in July
- City Center Guideway/Stations
 - Proposals due in July; Award estimated in August
 - Notice to proceed estimated in October

Stay Connected

- Monthly HART Facts Ad
- Public Access Television Program
- Weekly e-Blast
- Weekly Traffic Advisories
- Website and Social Media





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HART FACTS—JANUARY 2016

HART CEO Dan Grabauskas answers community questions about rail transit.

QUESTION:
Does HART's Financial Plan include funds that have been going to TheBus?

DAN GRABAUSKAS:
No, the updated Full Funding Grant Agreement Financial Plan recommends that \$210M be deleted from the rail revenue funding as recommended by both the Honolulu City Council and the Mayor. The plan update assumes that what are known as 5307 funds will be removed from the plan and replaced by funds from the extension of the General Excise and Use Tax (GET).

Visit the project website www.HonoluluTransit.org for more information.

PROJECT REVENUE STATUS As of December 1, 2015			
	Projections to Date ¹	Collected or Committed to Date	Percentage (of projections)
	(in millions)	(in millions)	
REVENUE SOURCE:			
Project Beginning Cash Balance (Dec. 2009)	\$ 208	\$ 208	100%
General Excise Tax (GET) Surcharge ²	3,291	3,208	97%
Federal New Starts Funds	1,558	1,856	68%
Other Federal Transportation Funds	214	4	2%
Interest Income	2	9	—
TOTAL	\$5,355	\$2,375	48%

1 - Projections to date from the June 2012 Financial Plan.
2 - Total GET surcharge revenue collected since January 1, 2007, is \$1.59 billion (includes \$378 million collected before December 2009).

PROJECT COST STATUS As of December 1, 2015			
	Current Budget ¹	Amount Committed ²	Amount Expended ³
	(in millions)	(in millions)	(in millions)
Guideway & Track Elements	\$1,160	\$ 351	\$ 282
Stations, Stops, Terminals, Intermodal	419	186	5
Support Facilities: Yards, Shops, Admin	115	115	87
Sitework & Special Conditions	1,006	739	525
Systems	249	234	37
Vehicles	191	191	34
SUB-TOTAL⁴	\$3,140	\$2,016	\$ 969
Right-of-Way (ROW), Land, Existing Improvements	\$ 198	\$ 94	\$ 99
Professional Services (e.g., Planning and Design)	1,122	1,043	766
Contingency	468	7	1
Finance Charges	215	0	0
SUB-TOTAL⁴	\$2,024	\$1,144	\$ 865
TOTAL⁴	\$5,164	\$3,161	\$1,834

1 - Current Budget reflects the June 2012 Baseline Budget with estimated Budget Transfers.
2 - Approved contract value. 3 - Portion of the work that has been paid.
4 - All costs are rounded to the millions; therefore subtotals may not add up to the amounts shown.

DID YOU KNOW? Transit riders will be able to use a single pass to ride both the train and TheBus.

HART Rapid Response:

- 24-Hour Project Hotline number 808-566-2299
- Email Inquiries: info@HonoluluTransit.org
- Website Inquiries

Mahalo!



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Illustrative fixed-guideway system extensions



Extensions to be studied separately if/when undertaken